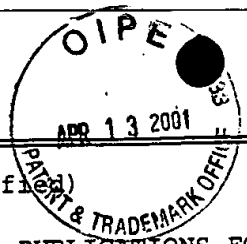
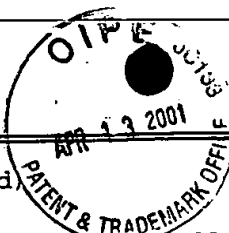


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		Filing Date: 02/14/97		Group: Unknown		
Reference Designation U.S. PATENT DOCUMENTS						
Examiner Initial	Document No.	Date	Name	Class	Sub- class	Filing Date (If Appropriate)
L.C. AA	4,235,871	11/25/80	Papahadjopoulos et al.	A61K 9	10	
AB	4,501,728	02/26/85	Geho et al.	A61K 9	50	
AC	4,837,028	06/06/89	Allen	A61K 9	66	
AD	5,019,369	05/28/91	Presant et al.	A61K 43	00	
AE						
AF						
AG						
AH						
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FOREIGN PATENT DOCUMENTS						
	Document No.	Date	Country	Class	Sub- class	Translation (yes/no)
L.C. AM	WO 92/06180	04/16/92	PCT	C12N 7	00	No
AN	WO 93/14188	07/22/93	PCT	C12N 5	00	No
AO	WO 93/19768	10/14/93	PCT	A61K 37	00	No
AP	WO 93/20221	10/14/93	PCT	C12N 15	86	No
AQ	WO 94/06922	03/31/94	PCT	C12N 15	87	No
AR	WO 94/06923	03/31/94	PCT	C12N 15	87	No
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
L.C. AS	Adams, P.D. et al., "Transcriptional control by E2F," <u>Cancer Biology</u> 6:99-108 (1995)					
AT	Adnane, J. et al., "The Retinoblastoma Susceptibility Gene Product Represses Transcription When Directly Bound to the Promoter," <u>J. Biol. Chem.</u> 270(15):8837-8843 (1995)					
AU	Antelman, D. et al., "Inhibition of tumor cell proliferation in vitro and in vivo by exogenous p110 <sup>RB</sup> , the retinoblastoma tumor suppressor protein," <u>Oncogene</u> 10:697-704 (1995)					



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<input checked="" type="checkbox"/> AV	Arteaga, C.L. et al., "Tissue-targeted Antisense c-fos Retroviral Vector Inhibits Established Breast Cancer Xenografts in Nude Mice," <u>Cancer Research</u> 56:1098-1103 (1996)		
<input type="checkbox"/> AW	Babajko, S. et al., "Interplay of the Liver-Enriched Transacting Factors, DBP and HNF1, in the Transactivation of Human IGFBP-1 Promoter," <u>Biochem. &amp; Biophys. Research Commun.</u> 196(1):480-486 (1993)		
<input type="checkbox"/> AX	Banas, B. et al., "Analysis of the promoter of the human prostatic acid phosphatase gene," <u>Biochim. Biophys. Acta</u> 1217:188-194 (1994)		
<input type="checkbox"/> AY	Beijersbergen, R.L. et al., "E2F-4, a new member of the E2F gene family, has oncogenic activity and associates with p107 in vivo," <u>Genes &amp; Devel.</u> 8:2680-2690 (1994)		
<input type="checkbox"/> AZ	Bingle, C.D. et al., "Interaction of CCAAT/enhancer-binding protein $\alpha$ and $\beta$ with the rat caeruloplasmin gene promoter," <u>Biochem. J.</u> 294:473-479 (1993)		
<input type="checkbox"/> BA	Bookstein, R. et al., "Suppression of Tumorigenicity of Human Prostate Carcinoma Cells by Replacing a Mutated RB Gene," <u>Science</u> 247:712-715 (1990)		
<input type="checkbox"/> BB	Buck, V. et al., "Molecular and functional characterisation of E2F-5, a new member of the E2F family," <u>Oncogene</u> 11:31-38 (1995)		
<input type="checkbox"/> BC	Chang, M.W. et al., "Cytostatic Gene Therapy for Vascular Proliferative Disorders with a Constitutively Active Form of the Retinoblastoma Gene Product," <u>Science</u> 267:518-522 (1995)		
<input type="checkbox"/> BD	Clowes, A.W. et al., "Kinetics of Cellular Proliferation after Arterial Injury," <u>Lab. Invest.</u> 49(3) 327-333 (1983)		
<input type="checkbox"/> BE	Cox, G.A. et al., "Overexpression of dystrophin in transgenic mdx mice eliminates dystrophic symptoms without toxicity," <u>Nature</u> 364:725-729 (1993)		
<input type="checkbox"/> BF	Curiel, D.T. et al., "Adenovirus enhancement of transferrin-polylysine-mediated gene delivery," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 88:8850-8854 (1991)		
<input type="checkbox"/> BG	Dalesandro, J. et al., "Gene Therapy for Donor Hearts: Ex vivo Liposome-Mediated Transfection," <u>J. Thoracic and Cardiovascular Surgery</u> 111(2):416-422 (1996)		
<input type="checkbox"/> BH	Dobrowolski, S.F. et al., "An E2F dominant negative mutant blocks E1A induced cell cycle progression," <u>Oncogene</u> 9:2605-2612 (1994)		
<input type="checkbox"/> BI	Dowdy, S.F. et al., "Physical Interaction of the Retinoblastoma Protein with Human D Cyclins," <u>Cell</u> 73:499-511 (1993)		
<input type="checkbox"/> BJ	Dusetti, N.J. et al., "Structural Organization of the Gene Encoding the Rat Pancreatitis-associated Protein," <u>J. Biol. Chem.</u> 268(19):14470-14475 (1993)		
<input type="checkbox"/> BK	Eisenberger, C.L. et al., "Differential Regulation of the Rat Phosphoenolpyruvate Carboxykinase Gene Expression in Several Tissues of Transgene Mice," <u>Mol. Cell Biol.</u> 12(3):1396-1403 (1992)		
<input checked="" type="checkbox"/> BL	Fontaine, R.N. et al., "Structure of the Rat Pancreatic Cholesterol Esterase Gene," <u>Biochemistry</u> 30:7008-7014 (1991)		



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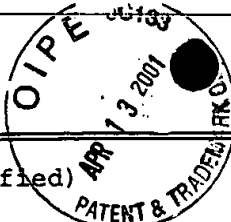
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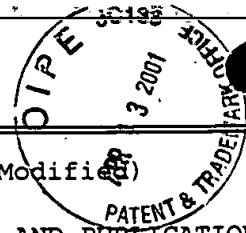
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Group: Unknown

LC	BM	Forss-Petter, S. et al., "Transgenic Mice Expressing $\beta$ -Galactosidase in Mature Neurons under Neuron-Specific Enolase Promoter Control," <u>Neuron</u> 5:187-197 (1990)
	BN	French, B.A. et al., "Percutaneous Transluminal In Vivo Gene Transfer by Recombinant Adenovirus in Normal Porcine Coronary Arteries, Atherosclerotic Arteries, and Two Models of Coronary Restenosis," <u>Circulation</u> 90(5):2402-2413 (1994)
	BO	Friedman, J.M. et al., "Cellular Promoters Incorporated into the Adenovirus Genome: Cell Specificity of Albumin and Immunoglobulin Expression," <u>Mol. Cell Biol.</u> 6(11):3791-3797 (1986)
	BP	Ginsberg, D. et al., "E2F-4, a new member of the E2F transcription factor family, interacts with p107," <u>Genes &amp; Devel.</u> 8:2665-2679 (1994)
	BQ	Gorman, C.M. et al., "Recombinant Genomes Which Express Chloramphenicol Acetyltransferase in Mammalian Cells," <u>Mol. Cell Biol.</u> 2(9):1044-1051 (1982)
	BR	Hanson, R.D. et al., "The 5'-Flanking Region of the Human CGL-1/Granzyme B Gene Targets Expression of a REporter Gene to Activated T-lymphocytes in Transgenic Mice," <u>J. Biol. Chem.</u> 266(36):24433-24438 (1991)
	BS	Hatzoglou, M. et al., "Hepatic Gene Transfer in Animals Using RETroviruses Containing the Promoter from the Gene for Phosphoenolpyruvate Carboxykinase," <u>J. Biol. Chem.</u> 265(28):17285-17293 (1990)
	BT	Helftenbein, G. et al., "Expression of the Uteroglobin Promoter in Epithelial Cell Lines from Endometrium," <u>Annals New York Acad. Sci. Bullett</u> C. et al., eds., New York Academy of Sciences, New York, 622:69-79 (1991)
	BU	Hemstrom, C. et al., "Gene Product of Region E4 of Adenovirus Type 5 Modulates Accumulation of Certain Viral Polypeptides," <u>J. Virol.</u> 62(9):3258-3264 (1988)
	BV	Hiebert, S.W., "Regions of the Retinoblastoma Gene product Required for Its Interaction with the E2F Transcription Factor Are Necessary for E2 Promoter Repression and pRb-Mediated Growth Suppression," <u>Mol. Cell Biol.</u> 13(6):3384-3391 (1993)
	BW	Houchins, J.P. et al., "Genomic structure of <i>nkg5</i> , a human NK and T cell-specific activation gene," <u>Immunogenetics</u> 37:102-107 (1993)
	BX	Houglum, K. et al., "LAP (NF-IL6) Transactivates the Collagen $\alpha_1$ (I) Gene from a 5' Regulatory Region," <u>J. Clin. Invest.</u> 94:808-814 (1994)
	BY	Huang, S. et al., "A cellular protein that competes with SV40 T antigen for binding to the retinoblastoma gene product," <u>Nature</u> 350:160-162 (1991)
	BZ	Huber, B.E. et al., "Retroviral-mediated gene therapy for the treatment of hepatocellular carcinoma: An innovative approach for cancer therapy," <u>Proc. Natl. Acad. Sci. U.S.A.</u> , 88:8039-8043 (1991)
	CA	Ilantzis, C. et al., "Identification of a Human cancer Related Organ-Specific Neoantigen," <u>Microbiol. Immunol.</u> 37(2):119-128 (1993)



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<input checked="" type="checkbox"/> CB	Ivey-Hoyle, M. et al., "Cloning and Characterization of E2F-2, a Novel Protein with the Biochemical Properties of Transcription Factor E2F," <u>Mol. Cell Biol.</u> 13(12):7802-7812 (1993)		
<input type="checkbox"/> CC	Jahroudi, N. et al., "Endothelial-Cell-Specific Regulation of von Willebrand Factor Gene Expression," <u>Mol. Cell Biol.</u> 14(2):999-1008 (1994)		
<input type="checkbox"/> CD	Kaspar, F. et al., "Characterization of Two Point Mutations in the Androgen REceptor Gene of Patients with Perineoscrotal Hypospadias," <u>J. Steroid Biochem. Molec. Biol.</u> 47(1-6):127-135 (1993)		
<input type="checkbox"/> CE	Kaye, F.J. et al., "A single amino acid substitution results in a retinoblastoma protein defective in phosphorylation and oncoprotein binding," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 87:6922-6926 (1990)		
<input type="checkbox"/> CF	Keller, S.A. et al., "Regulation of amylase gene expression in diabetic mice is mediated by a cis-acting upstream element close to the pancreas-specific enhancer," <u>Genes &amp; Devel.</u> 4:1316-1321 (1990)		
<input type="checkbox"/> CG	Koc, O.N. et al., "Transfer of Drug Resistance Genes Into Hematopoietic Progenitors to Improve Chemotherapy Tolerance," <u>Seminars in Oncology</u> 23(1):46-65 (1996)		
<input type="checkbox"/> CH	Krek, W. et al., "Negative REGulation of the Growth-Promoting Transcription Factor E2F-1 by a Stably Bound Cyclin A-Dependent Protein Kinase," <u>Cell</u> 78:161-172 (1994)		
<input type="checkbox"/> CI	Krek, W. et al., "Cyclin A-Kinase Regulation of E2F-1 DNA Binding Function Underlies Suppression of an S Phase Checkpoint," <u>Cell</u> 83:1149-1158 (1995)		
<input type="checkbox"/> CJ	Kruse, F. et al., "An endocrine-specific element is an integral component of an exocrine-specific pancreatic enhancer," <u>Genes &amp; Devel.</u> 7:774-786 (1993)		
<input type="checkbox"/> CK	Lake, R.A. et al., "A 3' transcriptional enhancer regulates tissue-specific expression of the human CD2 gene," <u>EMBO J.</u> 9(10):3129-3136 (1990)		
<input type="checkbox"/> CL	Lee, W.H. et al., "The retinoblastoma susceptibility gene encodes a nuclear phosphoprotein associated with DNA binding activity," <u>Nature</u> 329:642-645 (1987)		
<input type="checkbox"/> CM	Lee, Y.H. et al., "Multiple, Functional DBP Sites on the promoter of the Cholesterol 7 $\alpha$ -Hydroxylase P450 Gene, CYP7," <u>J. Biol. Chem.</u> 269(20):14681-14689 (1994)		
<input type="checkbox"/> CN	Li, S.P. et al., "cis-Acting Elements Responsible for Interleukin-6 Inducible C-reactive Protein Gene Expression," <u>J. Biol. Chem.</u> 265(7):4136-4142 (1990)		
<input type="checkbox"/> CO	Lilja, H., "Structure, function, and regulation of the enzyme activity of prostate-specific antigen," <u>World J. Urol.</u> 11:188-191 (1993)		
<input checked="" type="checkbox"/> CP	Lo, K. et al., "LyF-1, a Transcriptional Regulator That Interacts with a Novel Class of Promoters for Lymphocyte-Specific Genes," <u>Mol. Cell Biol.</u> 11(10):5229-5243 (1991)		



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<u>CC</u> CQ	Luskey, K.L., "Conservation of Promoter Sequence but Not Complex Intron Splicing Pattern in Human and Hamster genes for 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase," <u>Mol. Cell Biol.</u> 7(5):1881-1893 (1987)		
CR	Makarov, S.S. et al., "Suppression of experimental arthritis by gene transfer of interleukin 1 receptor antagonist cDNA," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 93:402-406 (1996)		
CS	Maxwell, I.H. et al., "Expression of the Diphtheria Toxin A-Chain Coding Sequence under the Control of Promoters and Enhancers from Immunoglobulin Genes as a Means of Directing Toxicity to B-Lymphoid Cells," <u>Cancer Res.</u> 51:4299-4304 (1991)		
CT	Mendelzon, D. et al., "The binding site for the liver-specific transcription factor Tf-LF1 and the TATA box of the human transferrin gene promoter are the only elements necessary to direct liver specific transcription in vitro," <u>Nucl. Acids Res.</u> 18(19):5717-5721 (1990)		
CU	Nakano, Y. et al., "Transcriptional regulatory elements in the 5' upstream and first intron regions of the human smooth muscle (aortic type) $\alpha$ -actin-encoding gene," <u>Gene</u> 99:285-289 (1991)		
CV	Nolet, S. et al., "Prostatic secretory protein PSP <sub>9</sub> : gene organization and promoter sequence in Rhesus monkey and human," <u>Biochim. Biophys. Acta</u> 1089:247-249 (1991)		
CW	Nolta, J.A. et al., "Transduction of pluripotent human hematopoietic stem cells demonstrated by clonal analysis after engraftment in immune-deficient mice," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 93:2414-2419 (1996)		
CX	Petrooulos, C.J. et al., "Using Avian Retroviral Vectors for Gene Therapy," <u>J. Virol.</u> 66(6):3391-3397 (1992)		
CY	Plank, C. et al., "The Influence of Endosome-disruptive Peptides on Gene Transfer Using Synthetic Virus-like Gene Transfer Systems," <u>J. Biol. Chem.</u> 269(17):12918-12924 (1994)		
CZ	Qin, X.Q. et al., "Identification of a growth suppression domain within the retinoblastoma gene product," <u>Genes &amp; Devel.</u> 6:953-964 (1992)		
DA	Raper, S.E. et al., "Safety and Feasibility of Liver-Directed Ex Vivo Gene Therapy for Homozygous Familial Hypercholesterolemia," <u>Annals. of Surgery</u> 223(2):116-126 (1996)		
DB	Reddy, S. et al., "Structure of the Human Smooth Muscle $\alpha$ -Actin Gene," <u>J. Biol. Chem.</u> 265(3):1683-1687 (1990)		
DC	Rice, D.A. et al., "Analysis of the Promoter Region of the Gene Encoding Mouse Cholesterol Side-chain Cleavage Enzyme," <u>J. Biol. Chem.</u> 265(20):11713-11720 (1990)		
<u>DD</u>	Rosenthal, N., "Identification of Regulatory Elements of Cloned Genes with Functional Assays," <u>Meth. of Enzymology</u> 152:704-720 (1987)		

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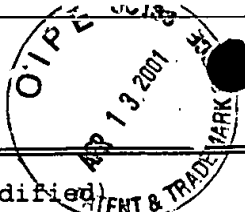
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<u>LE</u> DE	Schwartz, M.L. et al., "Brain-specific Enhancement of the Mouse Neurofilament Heavy Gene Promoter in Vitro," <u>J. Biol. Chem.</u> 269(18):13444-13450 (1994)
DF	Sellers, W.R. et al., "A potent transrepression domain in the retinoblastoma protein induces a cell cycle arrest when bound to E2F sites," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 92:11544-11548 (1995)
DG	Sharkey, R.M. et al., "Phase I Clinical Evaluation of a New Murin Monoclonal antibody (Mu-9) against Colon-Specific Antigen-p for Targeting Gastrointestinal Carcinomas," <u>Cancer Supp.</u> 73(3):864-877 (1994)
DH	Smith, J.R. et al., "Identification of Nucleotides Responsible for Enhancer Activity of Sterol Regulatory Element in Low Density Lipoprotein Receptor Gene," <u>J. Biol. Chem.</u> 265(4):2306-2310 (1990)
DI	Svensson, E.C. et al., "Organization of the $\beta$ -Galactoside $\alpha$ 2,6-Sialyltransferase Gene," <u>J. Biol. Chem.</u> 265(34):20863-20868 (1990)
DJ	Szoka, F. et al., "Comparative Properties and Methods of Preparation of Lipid Vesicles (Liposomes)," <u>Ann. Rev. Biophys. Bioeng.</u> 9:467-508 (1980)
DK	Talamonti, M.S. et al., "Increase in Activity and Level of pp60 <sup>c-src</sup> in Progressive Stages of Human Colorectal Cancer," <u>J. Clin. Invest.</u> 91:53-60 (1993)
DL	Tamura, S. et al., "Sequence motif in control regions of the H <sup>+</sup> /K <sup>+</sup> ATPase $\alpha$ and $\beta$ subunit genes recognized by gastric specific nuclear proteins(s)," <u>FEBS Lett.</u> 298(2,3):137-141 (1992)
DM	Tanizawa, Y. et al., "Human Glucokinase Gene: Isolation, Structural Characterization, and Identification of a Microsatellite Repeat Polymorphism," <u>Mol. Endocrin.</u> 6(7):1070-1081 (1992)
DN	Thean, E.T. et al., "Serum human $\alpha$ -lactalbumin as a marker for breast cancer," <u>Br. J. Cancer</u> 61:773-775 (1990)
DO	Thimmappaya, B. et al., "Adenovirus VAI RNA Is Required for Efficient Translation of Viral mRNAs at Late Times after Infection," <u>Cell</u> 31:543-551 (1982)
DP	Vairo, G. et al., "Functional interaction between E2F-4 and p130: evidence for distinct mechanisms underlying growth suppression by different retinoblastoma protein family members," <u>Genes &amp; Devel.</u> 9:869-881 (1995)
DQ	Weintraub, S.J. et al., "Retinoblastoma protein switches the E2F site from positive to negative element," <u>Nature</u> 358:259-261 (1992)
DR	Wen, S.F. et al., "Retinoblastoma protein monoclonal antibodies with novel characteristics," <u>J. Immunol. Meth.</u> 169:231-240 (1994)
DS	Willard, J.E. et al., "Genetic Modification of the Vessel Wall," <u>Circulation</u> 89(5):2190-2197 (1994)
<u>DT</u>	Wills, K.N. et al., "Development and Characterization of Recombinant Adenoviruses Encoding Human p53 for Gene Therapy of Cancer," <u>Hum. Gene Therapy</u> 5:1079-1088 (1994)



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<input checked="" type="checkbox"/> DU	Wills, K.N. et al., "Gene therapy for hepatocellular carcinoma: Chemosensitivity conferred by adenovirus-mediated transfer of the HSV-1 thymidine kinase gene," <u>Canc. Gene Therapy</u> 2(3):191-197 (1995)		
<input checked="" type="checkbox"/> DV	Wu, C.L. et al., "In Vivo Association of E2F and DP Family Proteins," <u>Mol. Cell Biol.</u> 15(5):2536-2546 (1995)		
<input checked="" type="checkbox"/> DW	Wu, G.Y. et al., "Receptor-mediated Gene Delivery and Expression in Vivo," <u>J. Biol. Chem.</u> 263(29):14621-14624 (1988)		
<input checked="" type="checkbox"/> DX	Wu, K.J. et al., "Transactivation of Pancreas-Specific Gene Sequences in Somatic Cell Hybrids," <u>Mol. Cell Biol.</u> 11(9):4423-4430 (1991)		
<input checked="" type="checkbox"/> DY	Xu, G. et al., "Multiple members of the E2F transcription factor family are the products of oncogenes," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 92:1357-1361 (1995)		
EXAMINER <u>Wiv</u>		DATE CONSIDERED <u>7/8/02</u>	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.